Raymond N Allan

List of Publications by Year
in descending order

28	1,919	566801 15	610482 24
papers	citations	h-index	g-index

28	28	28	3330
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-Excitation Raman Spectroscopy for Label-Free, Strain-Level Characterization of Bacterial Pathogens in Artificial Sputum Media. Analytical Chemistry, 2022, 94, 669-677.	3.2	13
2	Non-typeable Haemophilus influenzae biofilm formation on primary human airway epithelia cultured at air-liquid interface. Access Microbiology, 2022, 4, .	0.2	0
3	Staphylococcus aureus internalisation enhances bacterial survival through modulation of host immune responses and mast cell activation. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1893-1896.	2.7	3
4	Evaluation of a Bioengineered Honey and Its Synthetic Equivalent as Novel Staphylococcus aureus Biofilm-Targeted Topical Therapies in Chronic Rhinosinusitis. American Journal of Rhinology and Allergy, 2020, 34, 80-86.	1.0	6
5	Staphylococcus aureus internalization in mast cells in nasal polyps: Characterization of interactions and potential mechanisms. Journal of Allergy and Clinical Immunology, 2020, 145, 147-159.	1.5	28
6	Cephalosporin nitric oxide-donor prodrug DEA-C3D disperses biofilms formed by clinical cystic fibrosis isolates of Pseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2020, 75, 117-125.	1.3	35
7	Editorial: Polymicrobial Biofilms in Chronic Infectious Disease. Frontiers in Cellular and Infection Microbiology, 2020, 10, 628584.	1.8	0
8	An integrated model system to gain mechanistic insights into biofilm-associated antimicrobial resistance in Pseudomonas aeruginosa MPAO1. Npj Biofilms and Microbiomes, 2020, 6, 46.	2.9	31
9	Immunological profiling of key inflammatory drivers of nasal polyp formation and growth in chronic rhinosinusitis. Rhinology, 2019, 57, 0-0.	0.7	10
10	Characterisation of an ex vivo model of human airway epithelium. , 2019, , .		0
11	Antimicrobial activity of a novel bioengineered honey against non-typeable Haemophilus influenzae biofilms: an in vitro study. Journal of Clinical Pathology, 2018, 71, 554-558.	1.0	8
12	Cephalosporin-3â€²-Diazeniumdiolate NO Donor Prodrug PYRRO-C3D Enhances Azithromycin Susceptibility of Nontypeable Haemophilus influenzae Biofilms. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	26
13	Reactive oxygen: A novel antimicrobial mechanism for targeting biofilm-associated infection. Journal of Global Antimicrobial Resistance, 2017, 8, 186-191.	0.9	34
14	Cephalosporin-NO-donor prodrug PYRRO-C3D shows Î²-lactam - mediated activity against Streptococcus pneumoniae biofilms. Nitric Oxide - Biology and Chemistry, 2017, 65, 43-49.	1.2	21
15	Corticosteroids and infliximab impair the performance of interferon-Î³ release assays used for diagnosis of latent tuberculosis. Thorax, 2017, 72, 946-949.	2.7	43
16	Targeting microbial biofilms: current and prospective therapeutic strategies. Nature Reviews Microbiology, 2017, 15, 740-755.	13.6	1,187
17	Low-Dose Nitric Oxide as Targeted Anti-biofilm Adjunctive Therapy to Treat Chronic Pseudomonas aeruginosa Infection in Cystic Fibrosis. Molecular Therapy, 2017, 25, 2104-2116.	3.7	149
18	Primary ciliary dyskinesia ciliated airwayÂcells show increased susceptibility to Haemophilus influenzae biofilm formation. European Respiratory Journal, 2017, 50, 1700612.	3.1	31

#	Article	IF	Citations
19	D-methionine interferes with non-typeable Haemophilus influenzae peptidoglycan synthesis during growth and biofilm formation. Microbiology (United Kingdom), 2017, 163, 1093-1104.	0.7	10
20	Primary ciliary dyskinesia exhibits dysregulated epithelial responses to non-typeable Haemophilus influenzae. , 2017, , .		0
21	Parallel Evolution inStreptococcus pneumoniaeBiofilms. Genome Biology and Evolution, 2016, 8, 1316-1326.	1.1	8
22	Low Concentrations of Nitric Oxide Modulate Streptococcus pneumoniae Biofilm Metabolism and Antibiotic Tolerance. Antimicrobial Agents and Chemotherapy, 2016, 60, 2456-2466.	1.4	27
23	Environmental temperature impacts on the performance of QuantiFERON-TB Gold In-Tube assays. Journal of Infection, 2015, 71, 276-280.	1.7	13
24	Invasive Propionibacterium acnes infections in a non-selective patient cohort: clinical manifestations, management and outcome. European Journal of Clinical Microbiology and Infectious Diseases, 2015, 34, 527-534.	1.3	15
25	New approaches to the treatment of biofilm-related infections. Journal of Infection, 2014, 69, S47-S52.	1.7	82
26	Pronounced Metabolic Changes in Adaptation to Biofilm Growth by Streptococcus pneumoniae. PLoS ONE, 2014, 9, e107015.	1.1	42
27	Effect of Amino Acid Substitutions in the GerAA Protein on the Function of the Alanine-Responsive Germinant Receptor of Bacillus subtilis Spores. Journal of Bacteriology, 2011, 193, 2268-2275.	1.0	38
28	Brevibacillus levickii sp. nov. and Aneurinibacillus terranovensis sp. nov., two novel thermoacidophiles isolated from geothermal soils of northern Victoria Land, Antarctica. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1039-1050.	0.8	59